



ENVIRODYNE
ENGINEERS

156 711

April 9, 1985
2086-68173

Mr. Jim Sparks
Ethyl Corporation
Edwin Cooper Plant
Monsanto Avenue
Sauget, Illinois 62201

Dear Jim:

Attached are copies of the results of the first round of analysis performed on the soil samples collected between February 21, and March 5, 1985, for 2,3,7,8-TCDD. Also included is a list of the samples currently under evaluation for the same parameter, representing the next intervals below those samples which turned out to have positive results. The results of the second round of analysis should be ready by April 17. When these results are in, I will call you with the values.

We are sending a report under separate cover which will outline the methods used in sample collection, post results, and provide the documentation required by the EPA for quality assurance/control on the samples. This should be ready early next week.

Should you have any questions, please call me.

Sincerely,

Dale T. Cira
Environmental Scientist

DTC/lav

ANALYTICAL RESULTS FOR FIRST ROUND

<u>Site</u>	<u>Interval</u>	<u>Lab No.</u>	<u>2,3,7,8-TCDD (ug/g)</u>
A	24-30	72442	3.0
	36-42	72443	
	48-54	72444	
B	12-18		Not Taken
	24-30		
	36-42		
	48-54		
C	24-30	72160	107
	36-42	72161	
	48-54	72162	
D	0-6	72163	0
	12-18	72164	
	24-30	72165	
E	12-18	72166	3.2
F	12-18	72167	0.31
	24-30	72168	
G	12-18	72289	1.6
H	0-6	72445	0.98
	12-18	72446	
	24-30	72447	
I	12-18	72169	2.4
	24-30	72170	
J	0-6	72171	0
	12-18	72172	
K	0-6	72173	6.2
	12-18	72174	
L	0-6	72175	0
	12-18	72176	
	24-30	72177	
M	0-6	72290	1.3
	12-18	72291	
N	12-18	72292	0

ANALYTICAL RESULTS FOR FIRST ROUND
(Continued)

<u>Site</u>	<u>Interval</u>	<u>Lab No.</u>	<u>2,3,7,8-TCDD (ug/g)</u>
O	12-18	72178	0.24
P	12-18	72179	2.3
Q	0-6	72272	0
	12-18	72273	-
R	0-6	72180	1.7
	12-18	72181	
S	12-18	72295	0
T	0-6	72296	3.6
U	0-6	72260	0
	12-18	72261	-
	24-30	72262	-
	36-42	72263	-
	48-54	72264	-
B-1	0-12	72092	0
C-1	0-6	72093	0
	6-12	72094	-
D-1	0-6	72265	0
	6-12	72266	-
E-1	0-6	72095	0
	6-12	72096	-
F-1	0-6	72097	0
	6-12	72098	-
G-1	0-6	72099	0
	6-12	72100	-
H-1	0-6	72006	0
	6-12	72007	-
H-2	0-6	72008	0
	6-12	72009	-
I-1	0-6	72010	0
	6-12	72011	-

ANALYTICAL RESULTS FOR FIRST ROUND
(Continued)

<u>Site</u>	<u>Interval</u>	<u>Lab No.</u>	<u>2,3,7,8-TCDD (ug/g)</u>
J-1	0-6	72101	0
	6-12	72102	-
M-1	0-6	72267	0.31
	6-12	72268	
N-1	0-6	72269	0
	6-12	72270	-
O-1	0-6	72271	0
P-1	0-6	72012	0
	6-12	72013	-
Q-1	0-6	72293	
	6-12	72294	
R-1	0-6	72448	0
	6-12	72449	-

SECOND ROUND ANALYSIS SAMPLES

<u>Site I.D.</u>	<u>Lab Number</u>	<u>Date Collected</u>	<u>Date Entered</u>
A 36-42"	72443	3/5	4/8
C 36-42"	72161	2/26	4/1
F 24-30"	72168	2/27	4/8
H 12-18"	72446	3/5	4/8
I 24-30"	72170	2/26	4/1
K 12-18"	72174	2/26	4/1
M 12-18"	72291	2/28	4/8
R 12-18"	72181	2/25	4/1
M-1 6-12"	72268	2/27	4/8
Q-1 0-6"	72293	2/28	4/8